Using and Analyzing ImpactTN Data District Leaders/Principals

Name| Position| Region/Office | Date

Three Training Sessions

- ImpactTN: Introductory Session
- **ImpactTN: Using and Analyzing ImpactTN Data**
- ImpactTN: Goal Planning and Monitoring Using ImpactTN

Objectives

- Identify what specific data is included in ImpactTN
- Identify potential uses of ImpactTN data
- Gain a working awareness of how to use and analyze the ImpactTN data

Today's Agenda

- Introduction/Background Activity
- General Overview to ImpactTN
- ImpactTN Data Resources
  - District and School Specific Information
  - Data from SIS Vendor
  - Student Performance on State Standardized Assessments
- ImpactTN Data Overview/Metrics
  - Attendance Data
  - Discipline Data
  - Grades and Credits Data
  - TN State Standardized Assessment Data

Introduction

Using and Analyzing ImpactTN Data

The purpose of this session is to provide an overview of how ImpactTN data can be used and analyzed by Tennessee educators. The session will cover what data is included in ImpactTN, potential uses of the data, and how to use and analyze the data.

Background Activity

How are you currently accessing data?

Current Uses of Data	Student Attendance Data	Student Discipline Data	State Standardized Assessments	Grades & Credits
Types and formats of data				
When is the data used?				
How is the data used? (for what purposes)				
Who uses the data?				

Overview of ImpactTN Data

Overview of Data within ImpactTN

- District and School Specific Information
- Data from SIS Vendor
- Student Performance on State Standardized Assessments

District and School Specific Information

- Contact Information
- Administration
- District Characteristics
- Student Demographics
- Other Student Information
- Students by Programs and Levels
- School List
- Goal Planning
- Staff List
- Teacher List
- Students by Grade
- Student List

Data from SIS Vendor

- School Demographic Information
- Individual Student Information
- Student Attendance
- Discipline
- Classroom Grades and Credits
- Grades below C
- Falling Class Grades
  - Secondary
- Failing Grades
  - Primary
- Course Information

Student Performance on State Standardized Assessments

TCAP Assessment Performance

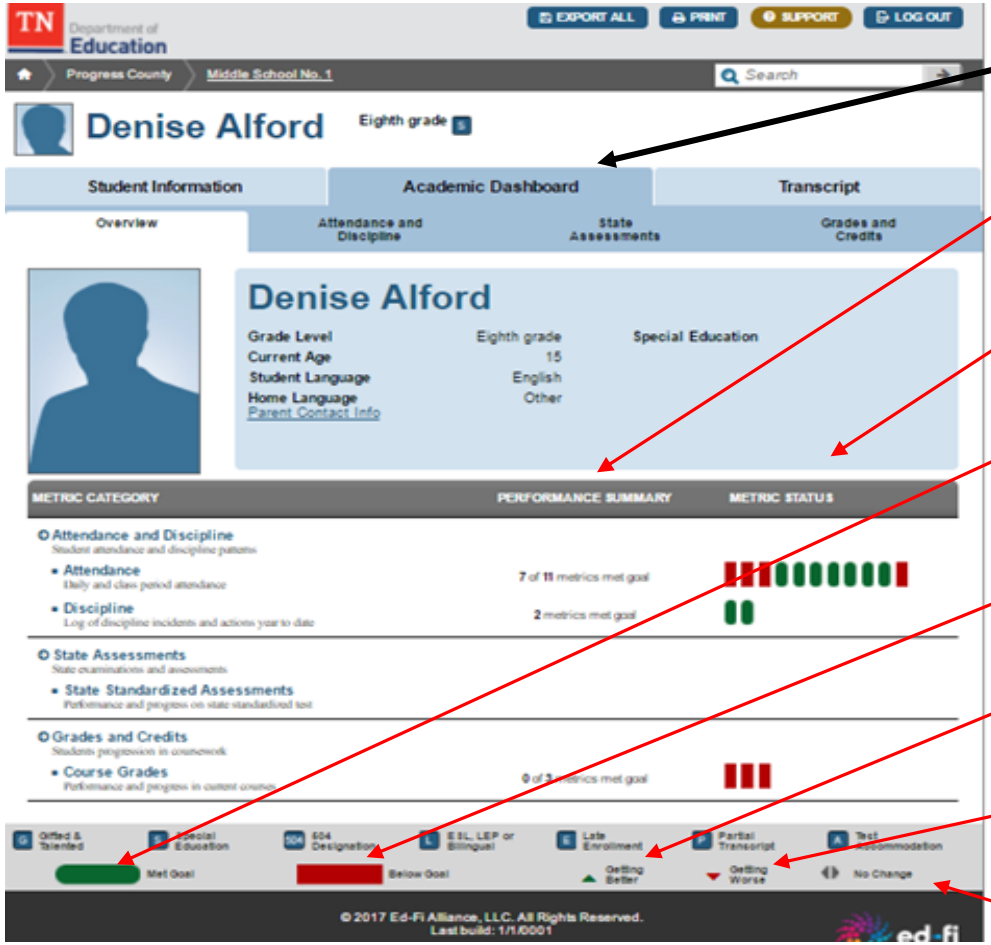
- Mathematics
- Reading/Language Arts
- Science
- Social Studies

End-of-Course Performance

- Algebra I, II, III
- Integrated Math I, II, III
- Geometry
- English I, II, III
- Biology I
- Chemistry
- World History

Overview of ImpactTN Metrics

ImpactTN Metrics



Academic Dashboard

Performance Summary

Metric Status

Met Goal

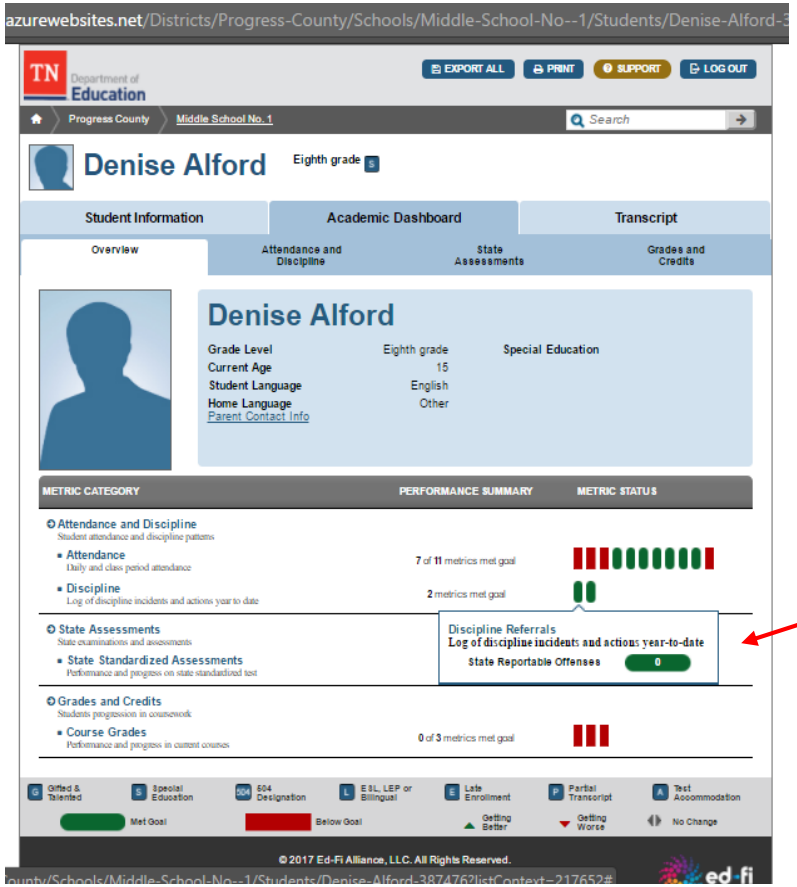
Below Goal

Getting Better

Getting Worse

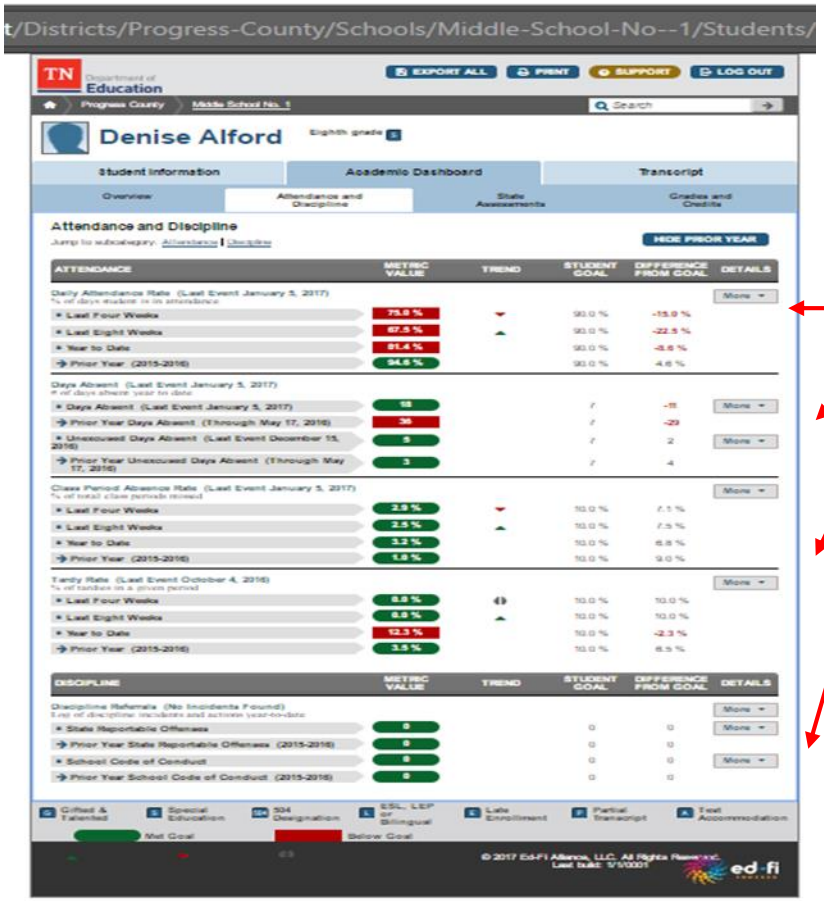
No Change

ImpactTN Metrics



When you hover over the metric with your mouse it will give you more detailed explanations/definitions.

ImpactTN Metrics



The “More” button allows users to disaggregate metrics by different subgroups including campus types, student groupings, and time periods.

Overview of Potential Uses of ImpactTN Data

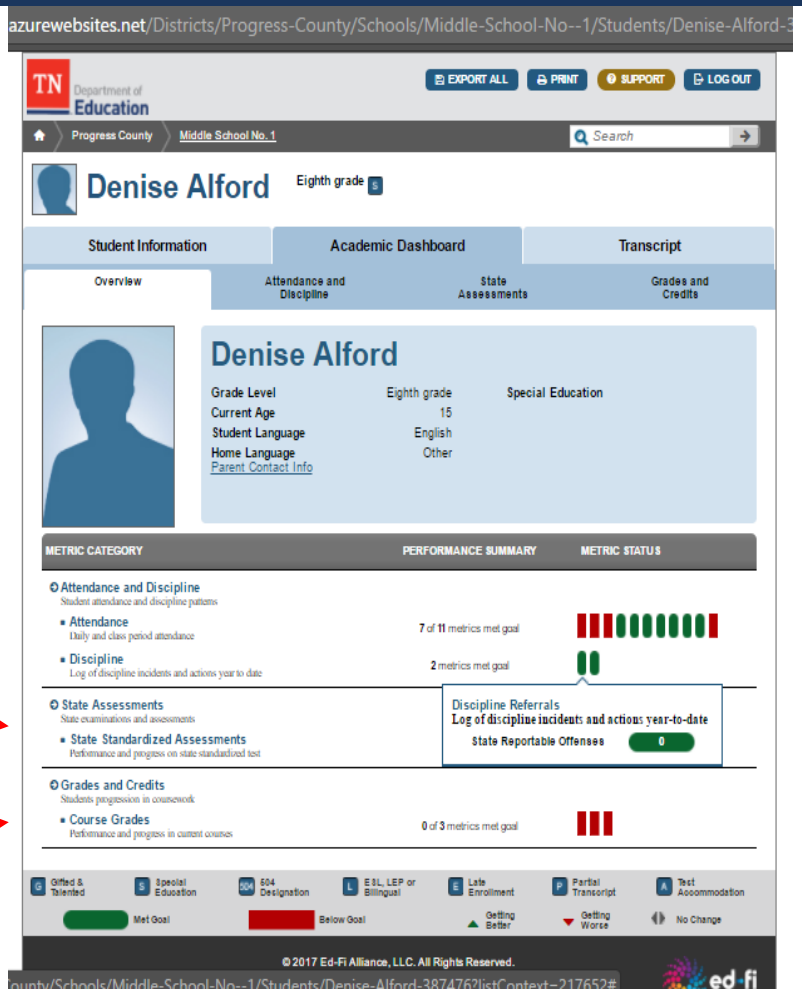
Potential Uses of ImpactTN Data

- Monitor student performance and progress at classroom, school, and/or district levels.
  - Attendance
  - Discipline/Behavior
  - Grades
  - State assessment results
- Identify at risk and/or low-performing students and plan behavioral and instructional supports.
- Assist in data-based decision-making and continuous improvement.
- Planning and setting goals.

Overview of the Academic Dashboard

Academic Dashboard

- Displays the performance summary and metric status for the following metrics:
  - Attendance and Discipline
  - State Assessments
  - Grades and Credits

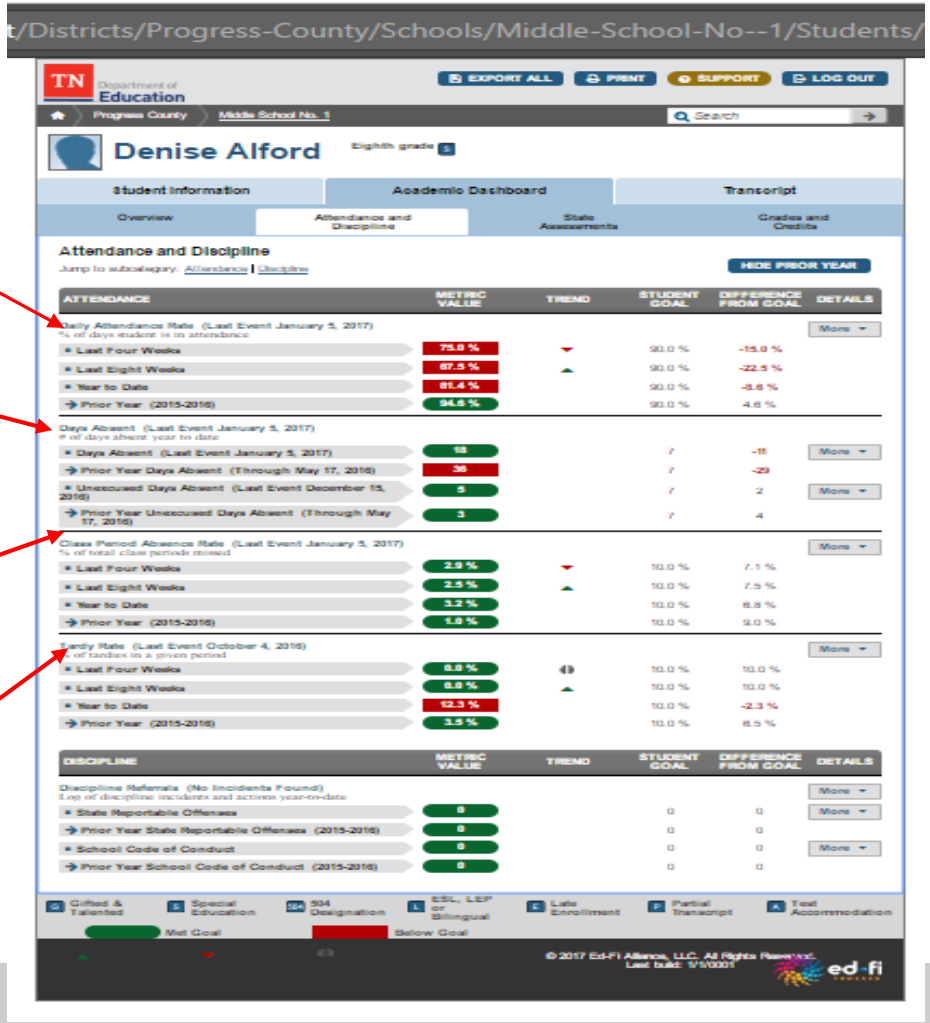


ImpactTN Attendance Data in Academic Dashboard(Student Level)

Attendance Data in Academic Dashboard

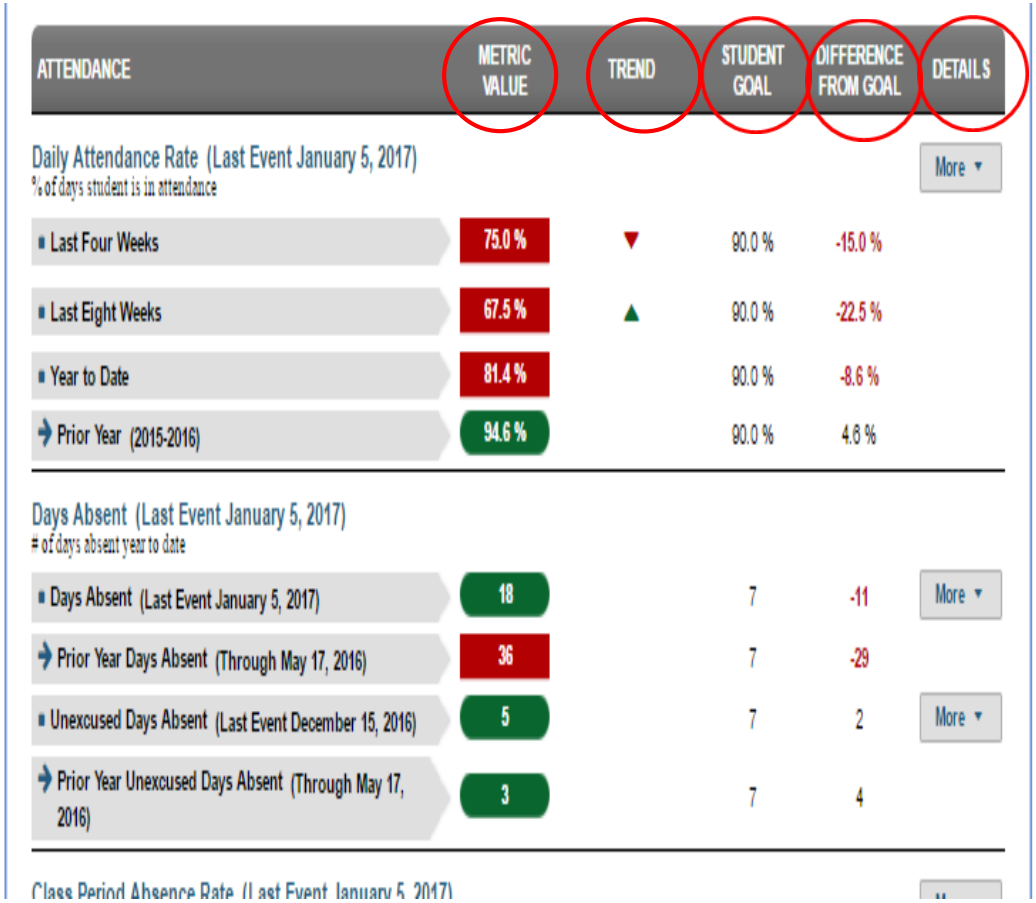
Student Level

- Daily Attendance Rate
- Days Absent
- Class Period Absence Rate
- Tardy Rate



Attendance Data – Student Level

- There are 5 columns:
  - Metric Value
  - Trend
  - Student Goal*
  - Difference from Goal
  - Details (“More” button)



ATTENDANCE	METRIC VALUE	TREND	STUDENT GOAL	DIFFERENCE FROM GOAL	DETAILS
Daily Attendance Rate (Last Event January 5, 2017) % of days student is in attendance					More
Last Four Weeks	75.0 %	▼	90.0 %	-15.0 %	
Last Eight Weeks	67.5 %	▲	90.0 %	-22.5 %	
Year to Date	81.4 %		90.0 %	-8.6 %	
Prior Year (2015-2016)	94.6 %		90.0 %	4.6 %	
Days Absent (Last Event January 5, 2017) # of days absent year to date					
Days Absent (Last Event January 5, 2017)	18		7	11	More
Prior Year Days Absent (Through May 17, 2016)	36		7	29	
Unexcused Days Absent (Last Event December 15, 2016)	5		7	2	More
Prior Year Unexcused Days Absent (Through May 17, 2016)	3		7	4	
Class Period Absence Rate (Last Event January 5, 2017)					

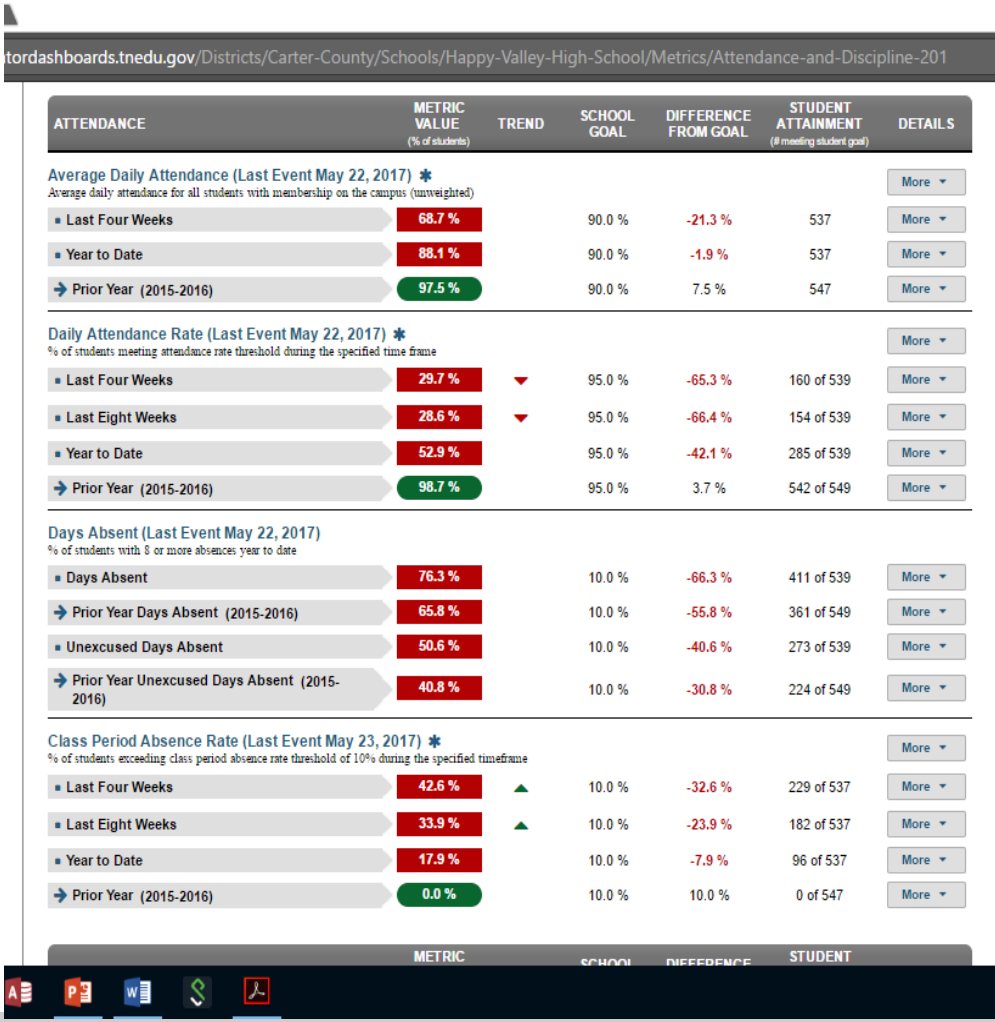
*** The section titles will differ according to user access: District Level, School Level, or Teacher Level(Student Level).**

ImpactTN Attendance Data in Academic Dashboard(School Level)

Attendance Data in Academic Dashboard

School Level

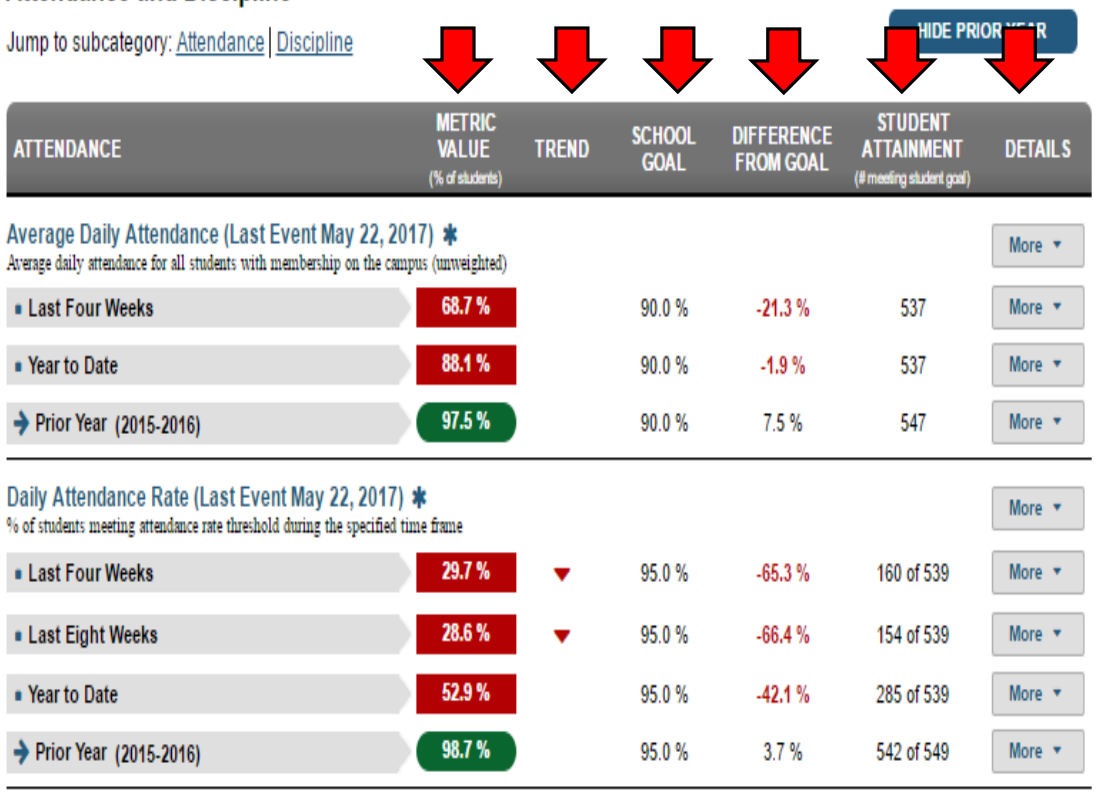
- Average Attendance Rate
- Daily Attendance Rate
- Days Absence
- Class Period Absence Rate



ATTENDANCE	METRIC VALUE (% of students)	TREND	SCHOOL GOAL	DIFFERENCE FROM GOAL	STUDENT ATTAINMENT (# meeting student goal)	DETAILS
Average Daily Attendance (Last Event May 22, 2017) ✱ Average daily attendance for all students with membership on the campus (unweighted)						More
▪ Last Four Weeks	68.7 %		90.0 %	-21.3 %	537	More
▪ Year to Date	88.1 %		90.0 %	-1.9 %	537	More
→ Prior Year (2015-2016)	97.5 %		90.0 %	7.5 %	547	More
Daily Attendance Rate (Last Event May 22, 2017) ✱ % of students meeting attendance rate threshold during the specified time frame						More
▪ Last Four Weeks	29.7 %	▼	95.0 %	-65.3 %	160 of 539	More
▪ Last Eight Weeks	28.6 %	▼	95.0 %	-66.4 %	154 of 539	More
▪ Year to Date	52.9 %		95.0 %	-42.1 %	285 of 539	More
→ Prior Year (2015-2016)	98.7 %		95.0 %	3.7 %	542 of 549	More
Days Absent (Last Event May 22, 2017) % of students with 8 or more absences year to date						
▪ Days Absent	76.3 %		10.0 %	-66.3 %	411 of 539	More
→ Prior Year Days Absent (2015-2016)	65.8 %		10.0 %	-55.8 %	361 of 549	More
▪ Unexcused Days Absent	50.6 %		10.0 %	-40.6 %	273 of 539	More
→ Prior Year Unexcused Days Absent (2015-2016)	40.8 %		10.0 %	-30.8 %	224 of 549	More
Class Period Absence Rate (Last Event May 23, 2017) ✱ % of students exceeding class period absence rate threshold of 10% during the specified timeframe						More
▪ Last Four Weeks	42.6 %	▲	10.0 %	-32.6 %	229 of 537	More
▪ Last Eight Weeks	33.9 %	▲	10.0 %	-23.9 %	182 of 537	More
▪ Year to Date	17.9 %		10.0 %	-7.9 %	96 of 537	More
→ Prior Year (2015-2016)	0.0 %		10.0 %	10.0 %	0 of 547	More

Attendance Data – High School Level

- There are 6 columns:
  - Metric Value
  - Trend
  - School Goal
  - Difference from Goal
  - Student Attainment
  - Details (“More” button)



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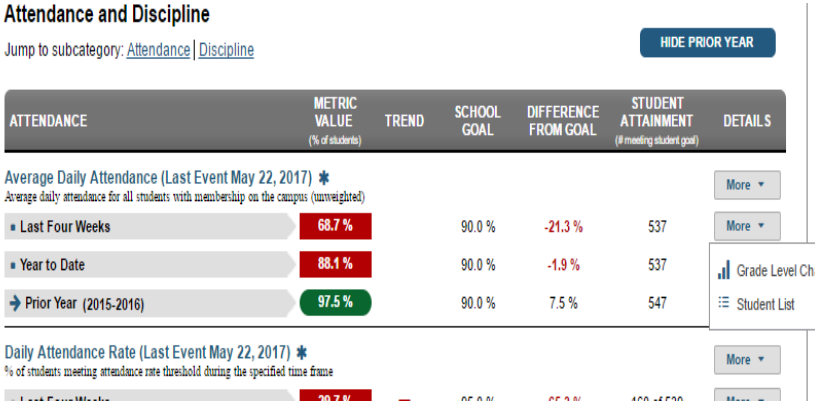
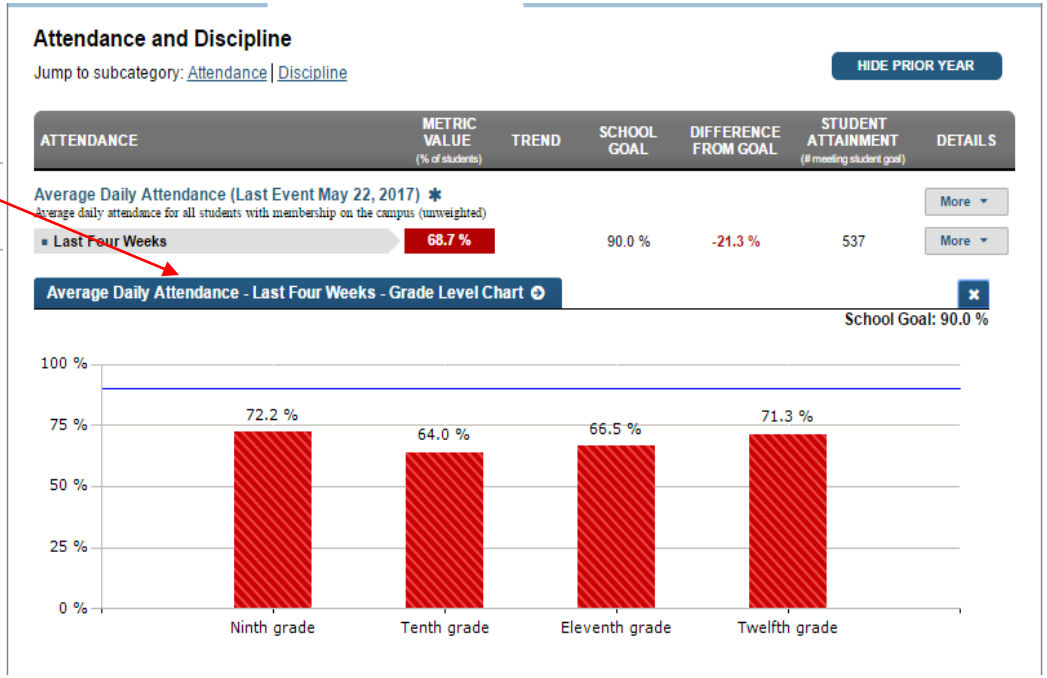
Attendance Data – High School Level





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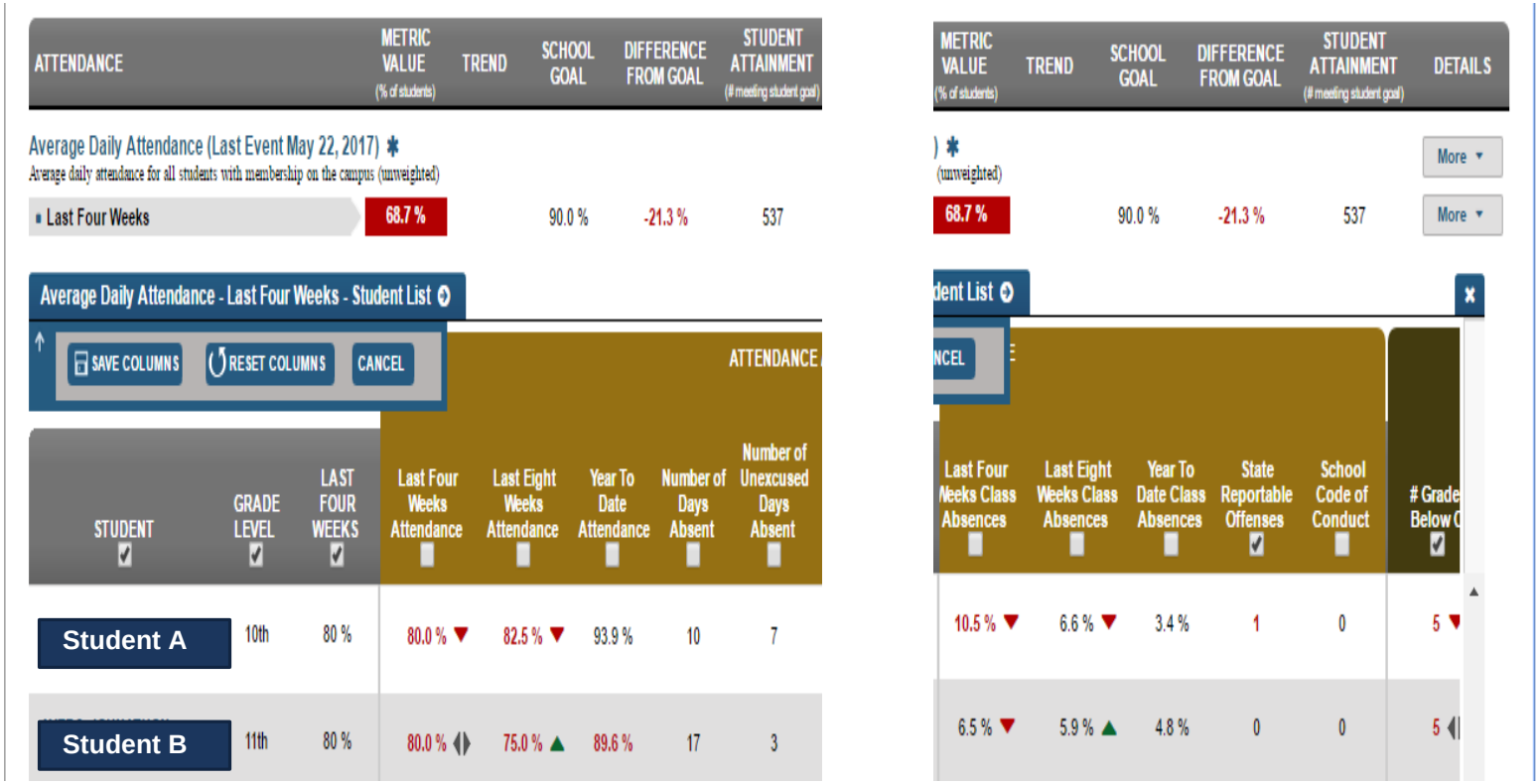
Attendance Data – High School Level



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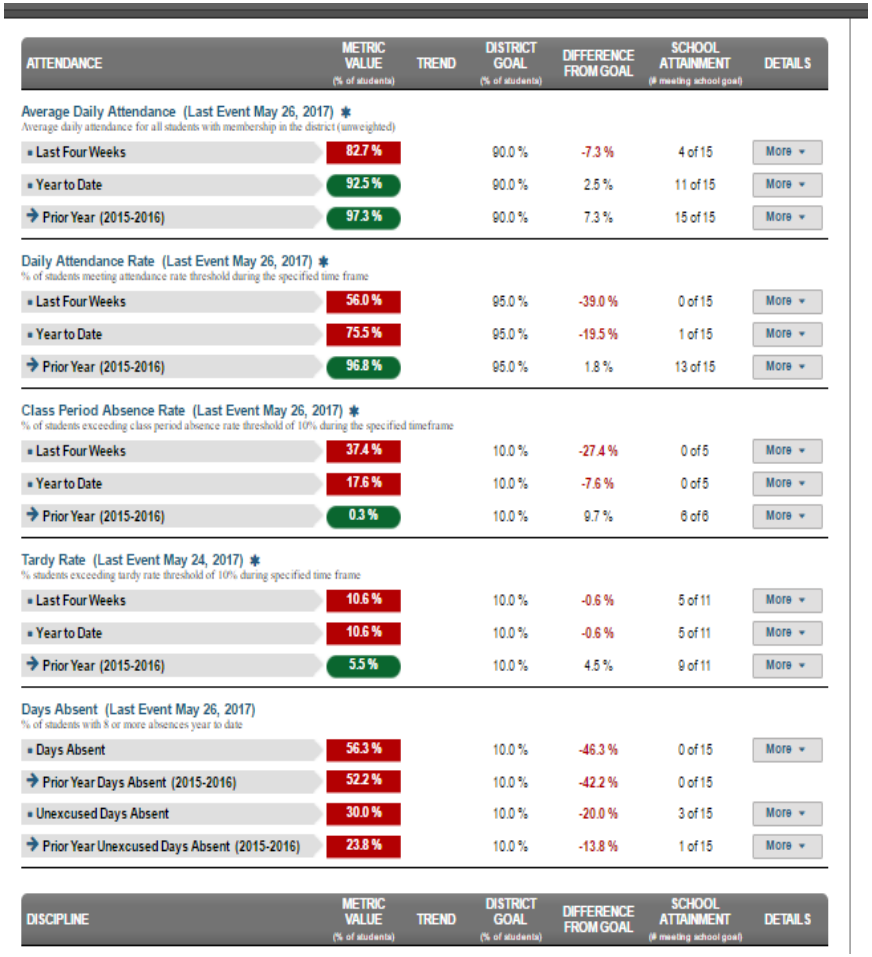
ImpactTN Attendance Data in Academic Dashboard (District Level)

Attendance Data – District Level

At the district level,

1. Average Daily Attendance
2. Daily Attendance Rate
3. Class Period Absence Rate
4. Tardy Rate
5. Days Absent



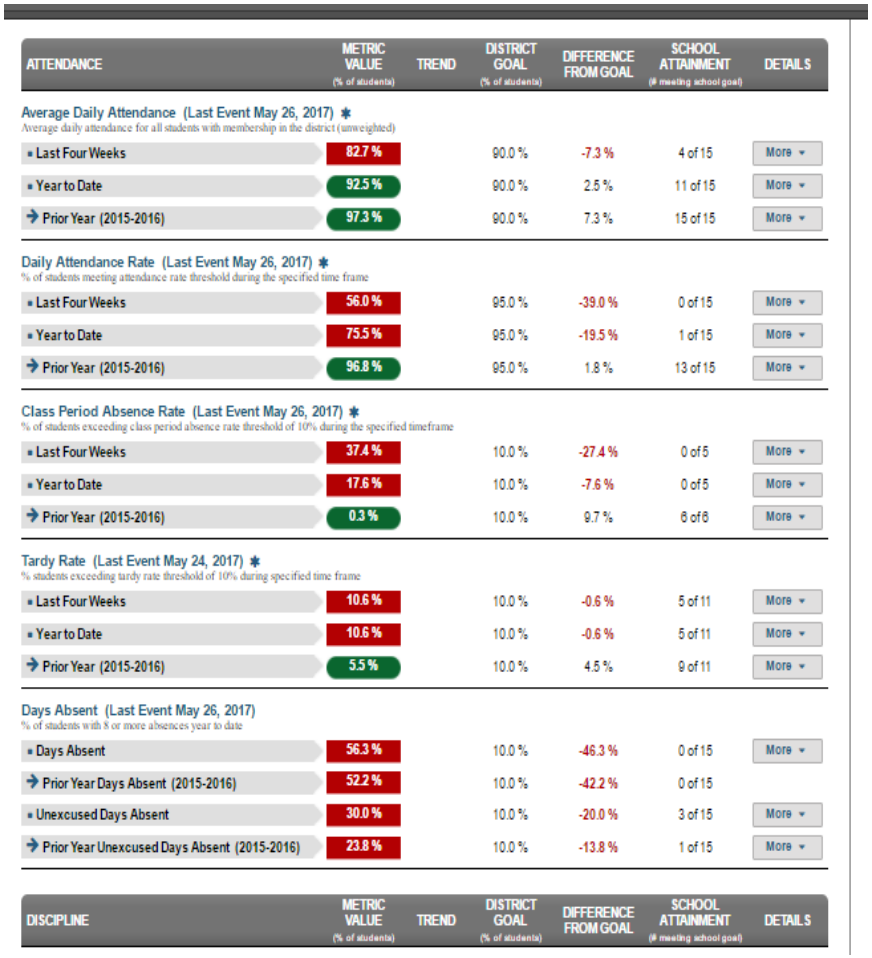
ATTENDANCE	METRIC VALUE (% of students)	TREND	DISTRICT GOAL (% of students)	DIFFERENCE FROM GOAL	SCHOOL ATTAINMENT (# meeting school goal)	DETAILS
Average Daily Attendance (Last Event May 26, 2017) ✱ Average daily attendance for all students with membership in the district (unweighted)						
▪ Last Four Weeks	82.7 %		90.0 %	-7.3 %	4 of 15	More
▪ Year to Date	92.5 %		90.0 %	2.5 %	11 of 15	More
→ Prior Year (2015-2016)	97.3 %		90.0 %	7.3 %	15 of 15	More
Daily Attendance Rate (Last Event May 26, 2017) ✱ % of students meeting attendance rate threshold during the specified time frame						
▪ Last Four Weeks	56.0 %		95.0 %	-39.0 %	0 of 15	More
▪ Year to Date	75.5 %		95.0 %	-19.5 %	1 of 15	More
→ Prior Year (2015-2016)	96.8 %		95.0 %	1.8 %	13 of 15	More
Class Period Absence Rate (Last Event May 26, 2017) ✱ % of students exceeding class period absence rate threshold of 10% during the specified timeframe						
▪ Last Four Weeks	37.4 %		10.0 %	-27.4 %	0 of 5	More
▪ Year to Date	17.6 %		10.0 %	-7.6 %	0 of 5	More
→ Prior Year (2015-2016)	0.3 %		10.0 %	9.7 %	6 of 6	More
Tardy Rate (Last Event May 24, 2017) ✱ % students exceeding tardy rate threshold of 10% during specified time frame						
▪ Last Four Weeks	10.6 %		10.0 %	-0.6 %	5 of 11	More
▪ Year to Date	10.6 %		10.0 %	-0.6 %	5 of 11	More
→ Prior Year (2015-2016)	5.5 %		10.0 %	4.5 %	9 of 11	More
Days Absent (Last Event May 26, 2017) % of students with 8 or more absences year to date						
▪ Days Absent	56.3 %		10.0 %	-46.3 %	0 of 15	More
→ Prior Year Days Absent (2015-2016)	52.2 %		10.0 %	-42.2 %	0 of 15	
▪ Unexcused Days Absent	30.0 %		10.0 %	-20.0 %	3 of 15	More
→ Prior Year Unexcused Days Absent (2015-2016)	23.8 %		10.0 %	-13.8 %	1 of 15	More

DISCIPLINE	METRIC VALUE (% of students)	TREND	DISTRICT GOAL (% of students)	DIFFERENCE FROM GOAL	SCHOOL ATTAINMENT (# meeting school goal)	DETAILS

Attendance Data – District Level

At the district level, there are six columns:

1. Metric Value
2. Trend
3. District Goal
4. Difference from Goal
5. School Attainment
6. Details



ATTENDANCE	METRIC VALUE (% of students)	TREND	DISTRICT GOAL (% of students)	DIFFERENCE FROM GOAL	SCHOOL ATTAINMENT (# meeting school goal)	DETAILS
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▪ Year to Date	92.5 %		90.0 %	2.5 %	11 of 15	More
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▪ Year to Date	75.5 %		95.0 %	-19.5 %	1 of 15	More
→ Prior Year (2015-2016)	96.8 %		95.0 %	1.8 %	13 of 15	More
Class Period Absence Rate (Last Event May 26, 2017) ✱ % of students exceeding class period absence rate threshold of 10% during the specified timeframe						
▪ Last Four Weeks	37.4 %		10.0 %	-27.4 %	0 of 5	More
▪ Year to Date	17.6 %		10.0 %	-7.6 %	0 of 5	More
→ Prior Year (2015-2016)	0.3 %		10.0 %	9.7 %	6 of 6	More
Tardy Rate (Last Event May 24, 2017) ✱ % students exceeding tardy rate threshold of 10% during specified time frame						
▪ Last Four Weeks	10.6 %		10.0 %	-0.6 %	5 of 11	More
▪ Year to Date	10.6 %		10.0 %	-0.6 %	5 of 11	More
→ Prior Year (2015-2016)	5.5 %		10.0 %	4.5 %	9 of 11	More
Days Absent (Last Event May 26, 2017) % of students with 8 or more absences year to date						
▪ Days Absent	56.3 %		10.0 %	-46.3 %	0 of 15	More
→ Prior Year Days Absent (2015-2016)	52.2 %		10.0 %	-42.2 %	0 of 15	
▪ Unexcused Days Absent	30.0 %		10.0 %	-20.0 %	3 of 15	More
→ Prior Year Unexcused Days Absent (2015-2016)	23.8 %		10.0 %	-13.8 %	1 of 15	More

DISCIPLINE	METRIC VALUE (% of students)	TREND	DISTRICT GOAL (% of students)	DIFFERENCE FROM GOAL	SCHOOL ATTAINMENT (# meeting school goal)	DETAILS

How Can I Use ImpactTN Attendance Data?

How can I Use ImpactTN Attendance Data?

- From the Academic Dashboard tab, click on “Attendance and Discipline’ tab.
- Review the district or school performance on attendance.
- Identify the number and percentage of students with the following absences.
  - Students who miss 20% or more of school year
  - Chronically Absent Students (miss at least 10% of school year)
  - Students who miss 6-9% of school year
  - Students who miss 5% or less of school year

ImpactTN Discipline Data in Academic Dashboard

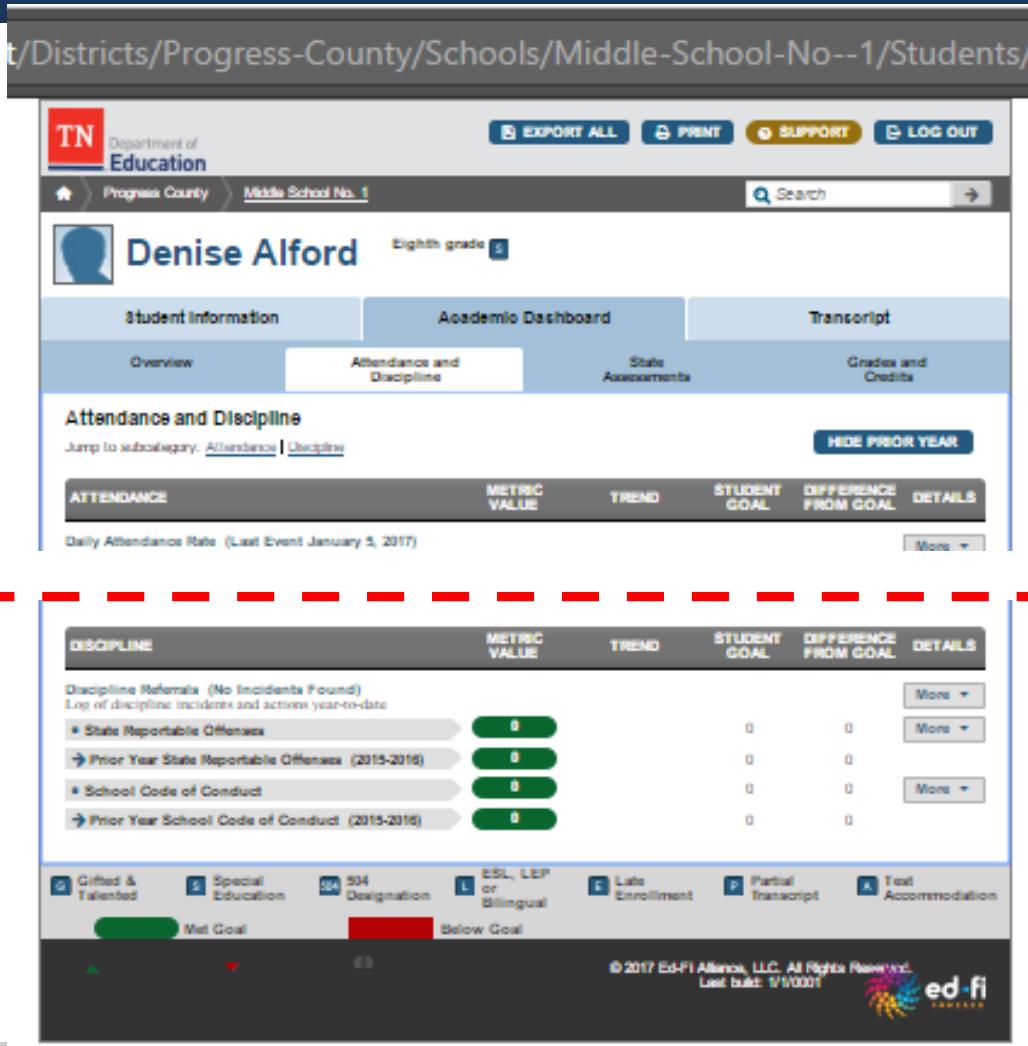
Types of Disciple Data in ImpactTN

- **All discipline Incidents**: Percentages of students with 1+ reportable incidents and/or excessive 5+ school code of conduct incidents in a given grading period.
- **Discipline Referrals**: Number of discipline referrals a student has received during the current year by type (all incidents excluding code of conduct incidents),comparison to campus goals.
- **School of Code Incidents**: Percentages of students with one more school code of conduct incidents within a given grading period, previous grading period, and year to date.
- **State Reportable Offenses**: Specific offenses required to be reported at the state level.

ImpactTN Discipline Data in Academic Dashboard(Student Level)

Discipline Data – Student Level

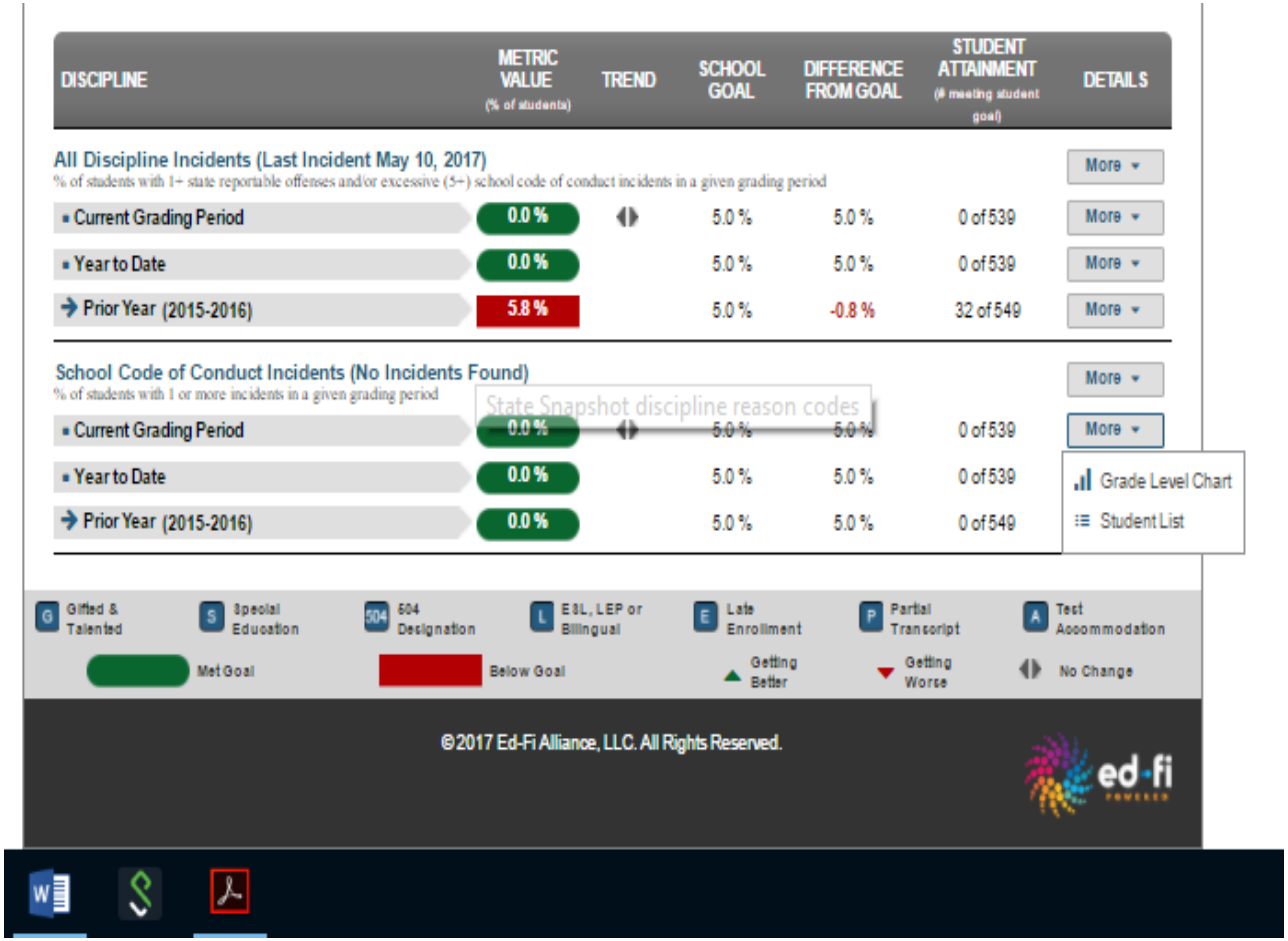
- Discipline Referrals
- State Reportable Offenses
- Prior Year State Reportable Offenses
- School Code of Conduct
- Prior Year School Code of Conduct



ImpactTN Discipline Data in Academic Dashboard(School Level)

Discipline Data – School Level

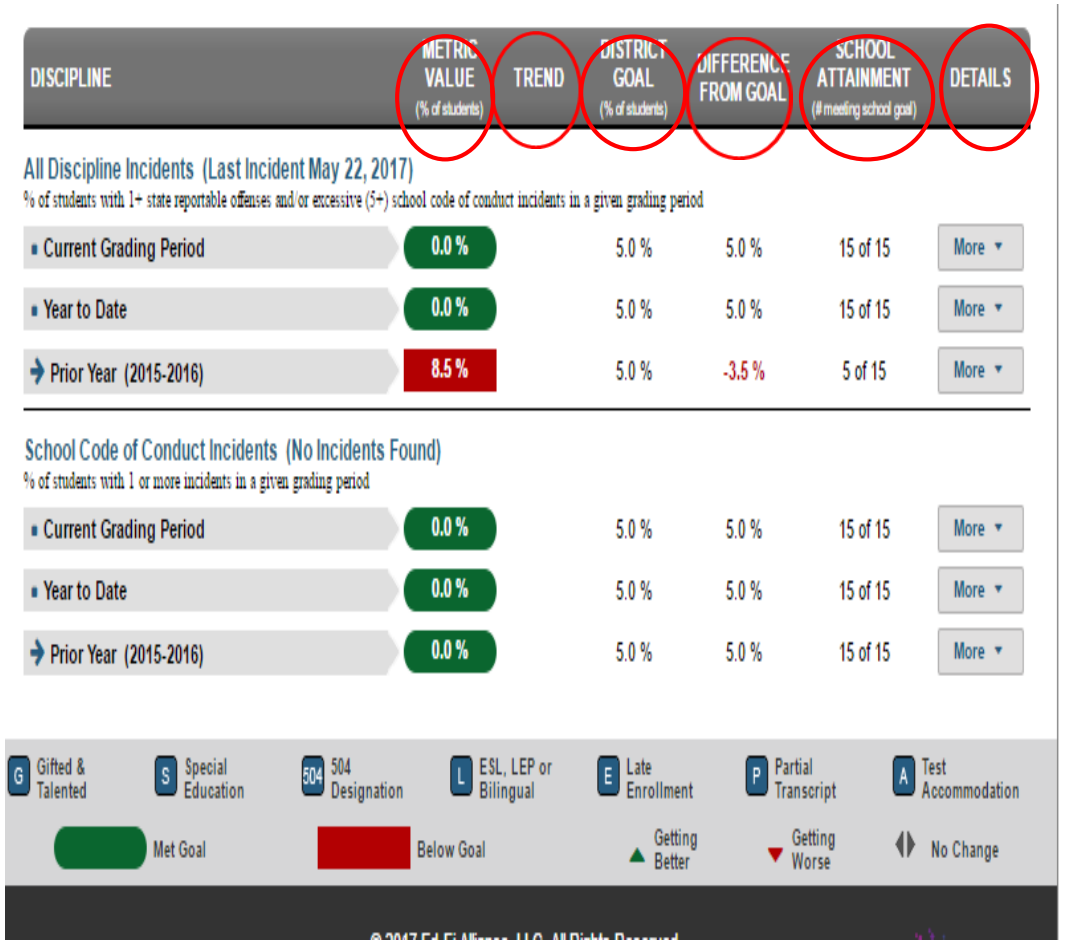
At the school level you can click on “More” and get a break down by grade level and a student list.



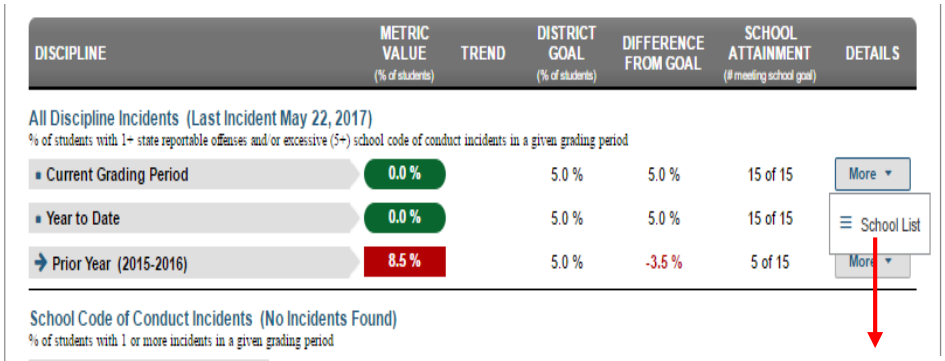
ImpactTN Discipline Data in Academic Dashboard(District Level)

Discipline Data – District Level

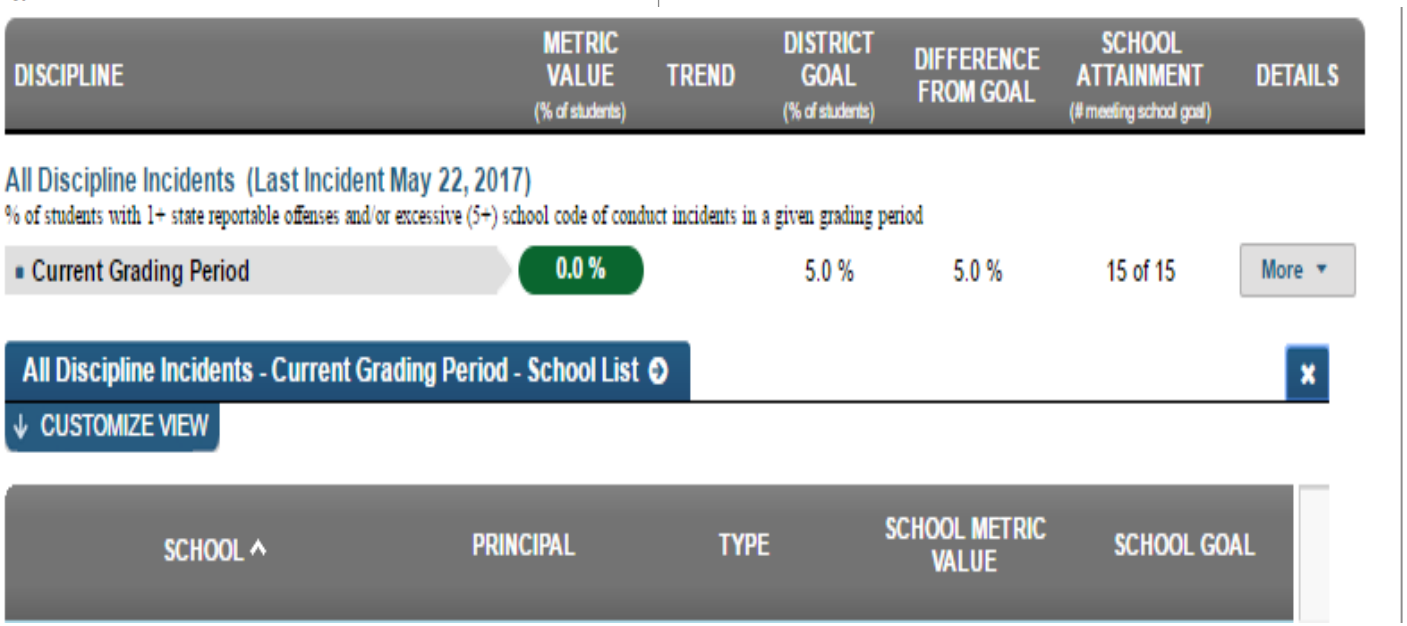
- There are 6 columns in the All Discipline Incidents Section and School Code of Conduct Incidents Section:
  - Metric Value
  - Trend
  - District/School/ Student Goal
  - Difference from Goal
  - School Attainment
  - Details ("More" button)



Discipline Data – District Level



At the district level click on “More” to view a breakdown by schools.



How Can I Use ImpactTN Discipline Data?

How can I Use ImpactTN Discipline Data?

- Review student discipline patterns
- Look for correlation between attendance and discipline
- Look for correlation between discipline referrals and course grades
- Use as an additional tool for Chronic Absenteeism

ImpactTN Grades and Credits Data in Academic Dashboard

Grades and Credits Data

- **Course Grades: Secondary**
  - Grades Below C Through End of Year (% of students with 2 or more grades below C in the core subject areas
  - Grades Below C (Prior Year)
  - Falling Class Grades (% of students with core subject course grades dropping 10% or more from prior grading period)
    - ELA/Reading
    - Mathematics
    - Science
    - Social Studies

Grades and Credits Data

- **Course Grades: Secondary** (continued)
  - Algebra I – 9th (% of students who are taking or have taken course.)
  - Algebra I – 8th (% of students who are passing or have passed by 8th grade.)

Grades and Credits Data

- **Course Grades: Primary**
  - Failing Subject Area Grades (% of students with a failing grade in one or more grading periods.)
    - ELA/Reading
      - Prior Year ELA/Reading
        - » Writing
        - » Prior Year Writing
    - Mathematics
      - Prior Year Mathematics
    - Science
      - Prior Year Science
    - Social Studies
      - Prior Year Social Studies

Grades and Credits Data

- **Credits**
  - Credit Accumulation
    - % of students meeting required number of credits for Recommended Graduation Plan as of the end of the prior school year.

Grades and Credits Data

- Metrics
  - Metric Value
  - Trend
  - Student Goal/School Goal/District Goal
  - Difference from Goal
  - Details

ImpactTN Grades and Credits in Academic Dashboard (District Level)

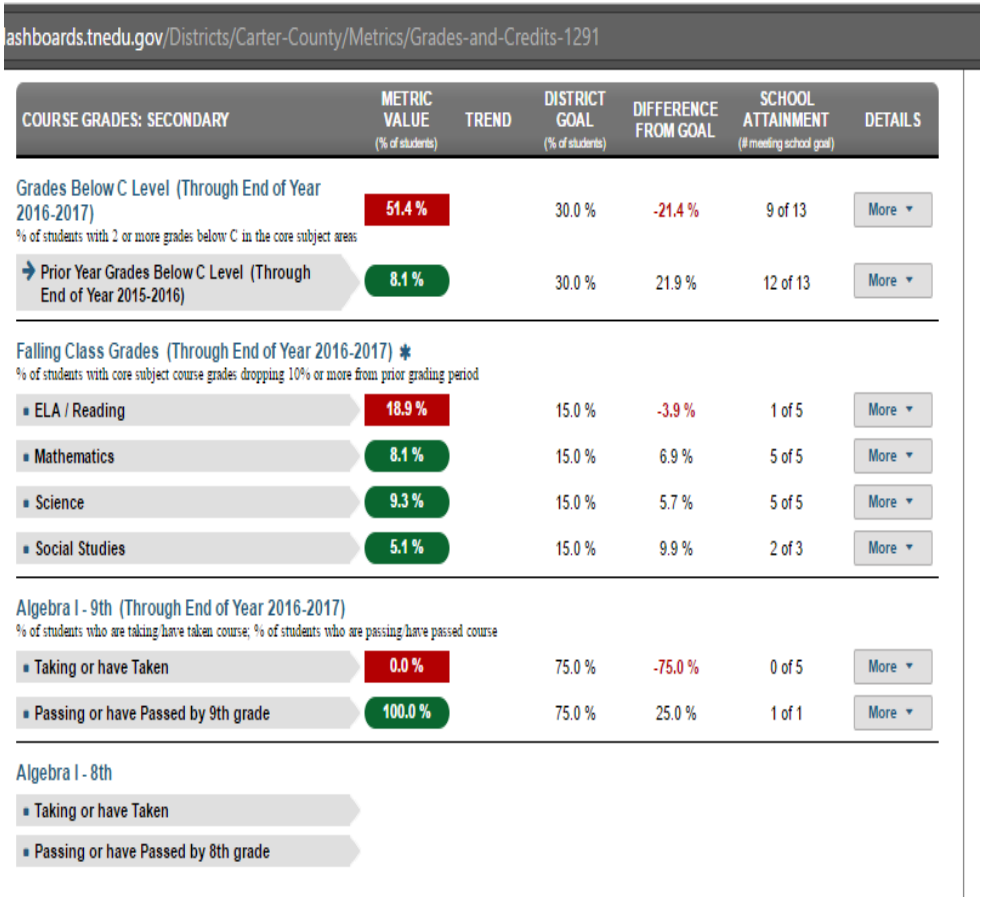
ImpactTN Grades and Credits – District Level

- Course Grades: Secondary
  - Grades Below C Level
  - Falling Class Grades
  - Algebra I – 9th Grade
  - Algebra I – 8th Grade
- Course Grades: Primary
  - Failing Subject Area Grades
- Credits
  - Credit Accumulation

Grades and Credit Data in ImpactTN

At the district level, there are six columns:

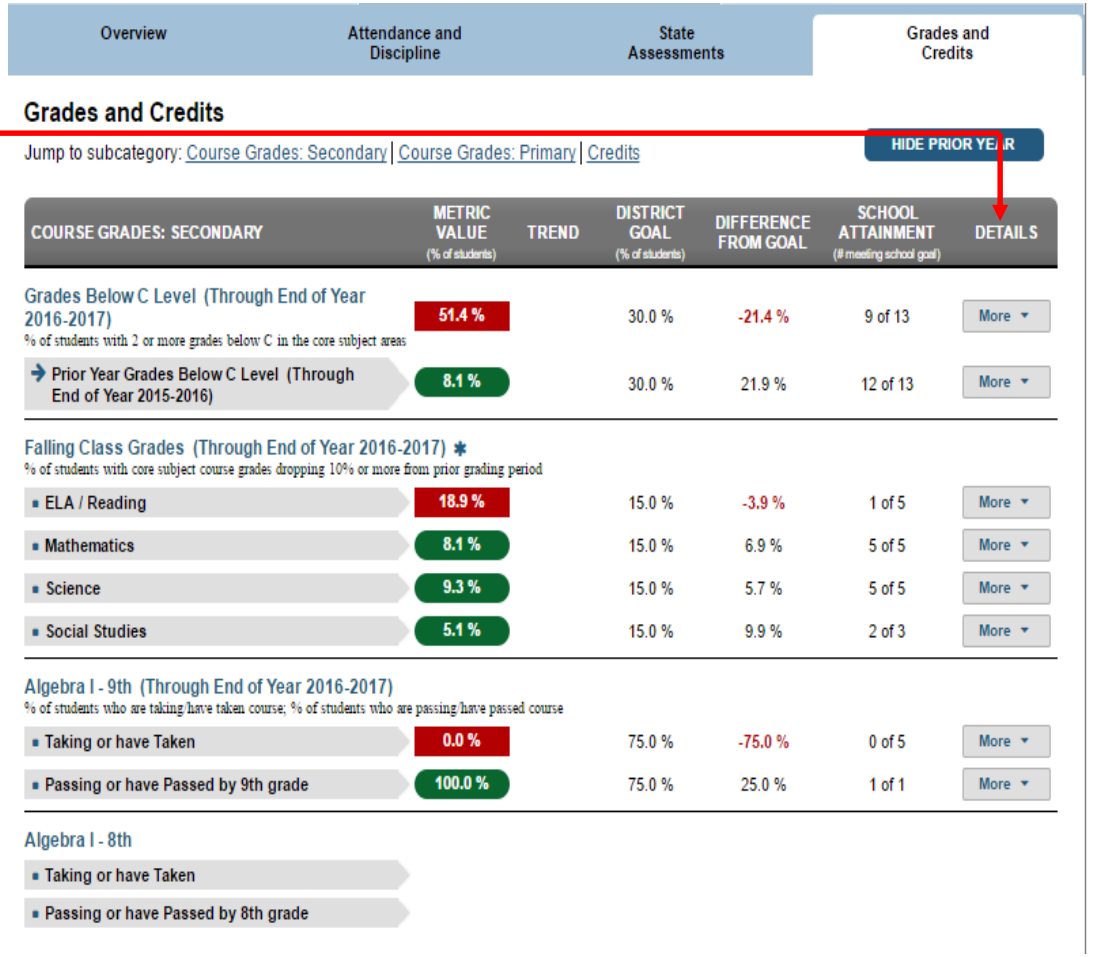
1. Metric Value
2. Trend
3. District Goal
4. Difference from Goal
5. School Attainment
6. Details



COURSE GRADES: SECONDARY	METRIC VALUE (% of students)	TREND	DISTRICT GOAL (% of students)	DIFFERENCE FROM GOAL	SCHOOL ATTAINMENT (# meeting school goal)	DETAILS
Grades Below C Level (Through End of Year 2016-2017) % of students with 2 or more grades below C in the core subject areas	51.4 %		30.0 %	-21.4 %	9 of 13	More
Prior Year Grades Below C Level (Through End of Year 2015-2016)	8.1 %		30.0 %	21.9 %	12 of 13	More
Falling Class Grades (Through End of Year 2016-2017) * % of students with core subject course grades dropping 10% or more from prior grading period						
▪ ELA / Reading	18.9 %		15.0 %	-3.9 %	1 of 5	More
▪ Mathematics	8.1 %		15.0 %	6.9 %	5 of 5	More
▪ Science	9.3 %		15.0 %	5.7 %	5 of 5	More
▪ Social Studies	5.1 %		15.0 %	9.9 %	2 of 3	More
Algebra I - 9th (Through End of Year 2016-2017) % of students who are taking/have taken course; % of students who are passing/have passed course						
▪ Taking or have Taken	0.0 %		75.0 %	-75.0 %	0 of 5	More
▪ Passing or have Passed by 9th grade	100.0 %		75.0 %	25.0 %	1 of 1	More
Algebra I - 8th						
▪ Taking or have Taken						
▪ Passing or have Passed by 8th grade						

Grades and Credit Data – District

Click on “More” under Details to see a break down by schools.



ImpactTN State Assessments/State Standardized Assessment Data

State Assessment Data in ImpactTN

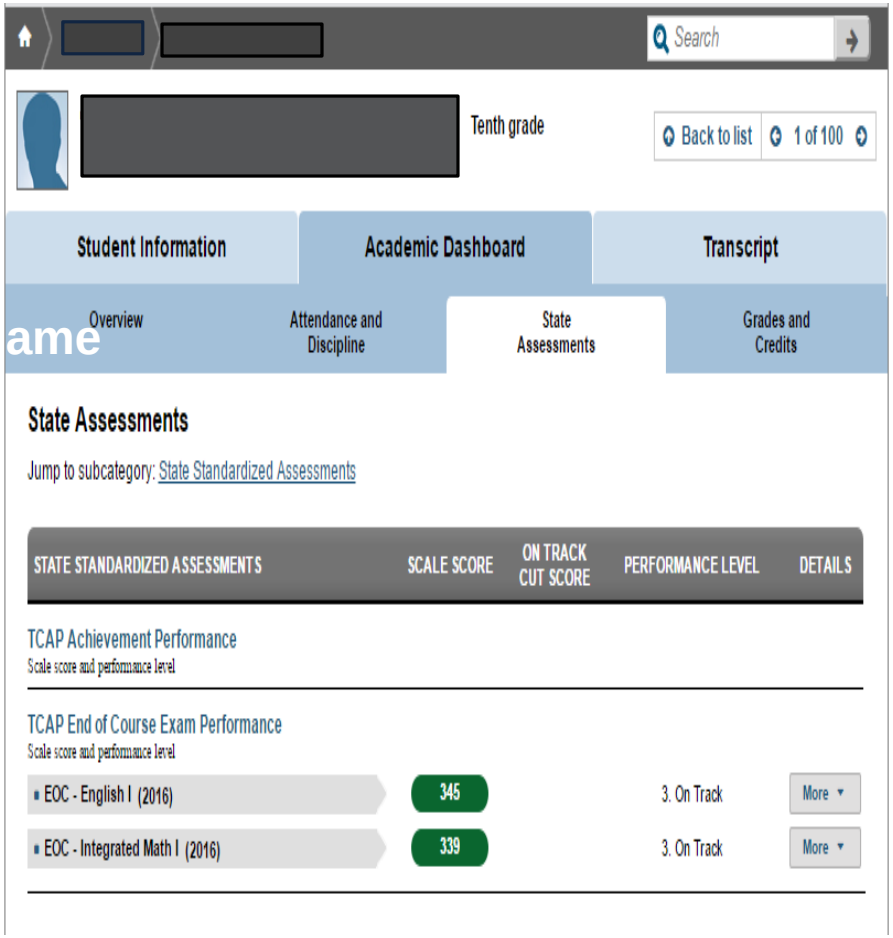
- TCAP Performance: Percent of students meeting standards (On-Track/Mastered)
  - Mathematics
  - Reading/Language Arts
  - Science
  - Social Studies
- End-of-Course (EOC) Exam Performance: Percentages of students who are identified as on track or mastered.
  - EOC – Algebra I, II, III
  - EOC – English I, II, III
  - EOC – Geometry
  - EOC – Biology I
  - EOC – World History

ImpactTN State Assessments/State Standardized Assessment Data (Student Level)

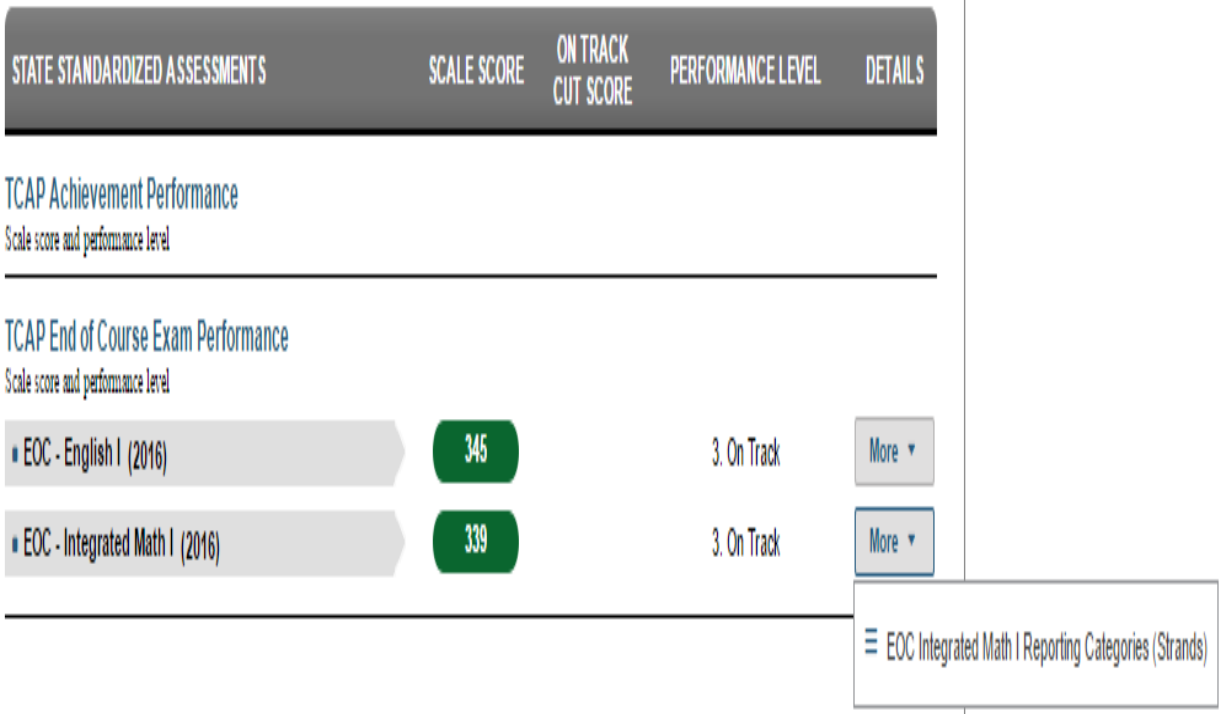
State Assessments/State Standardized Assessment Data – Student Level

TCAP End of Course Exams

1. Scale Score
2. On Track Cut Score
3. Performance Level
4. Details



Reporting Categories (Strands)

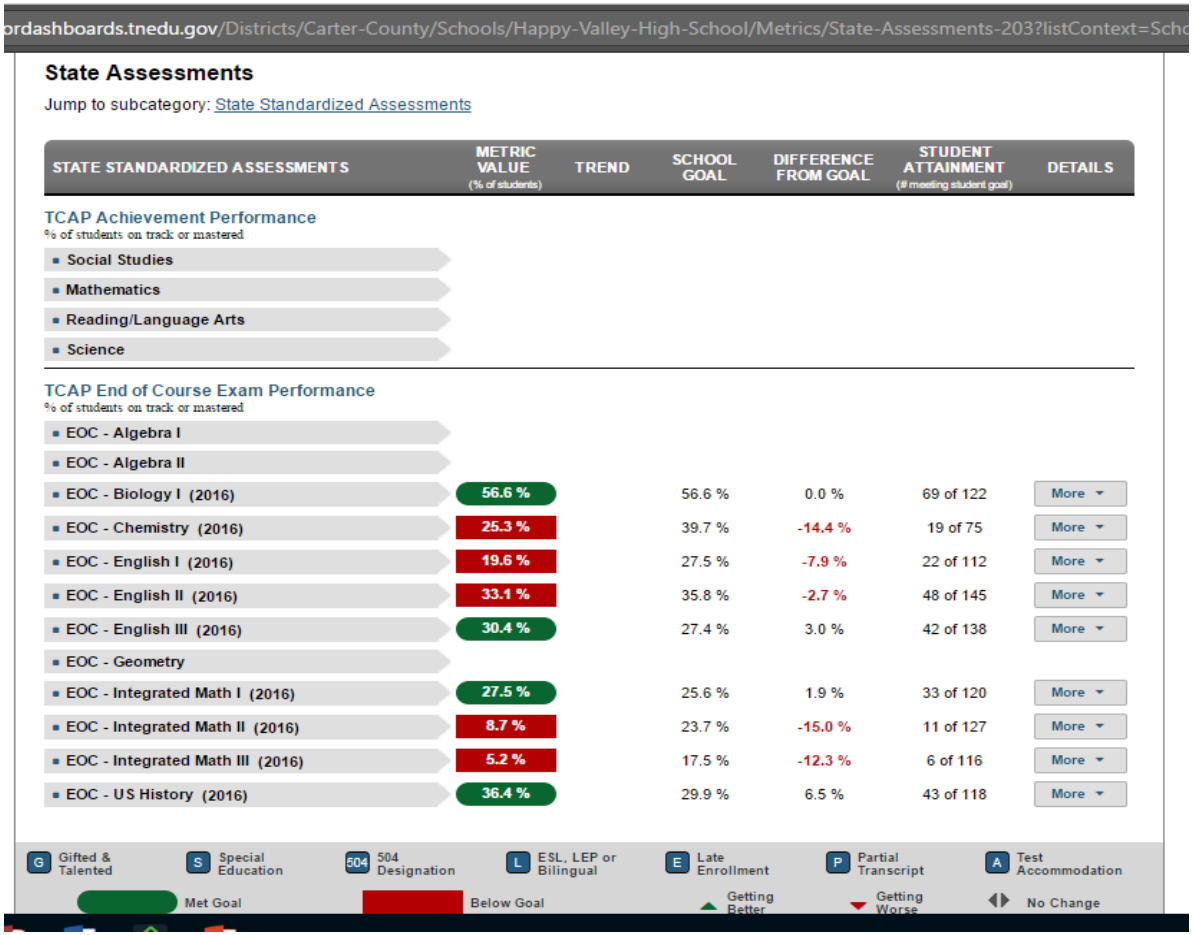


ImpactTN State Assessments/State Standardized Assessment Data (School Level)

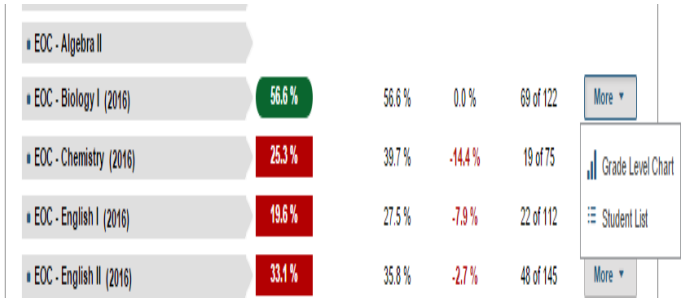
State Assessments/State Standardized Assessment Data – School Level

At the district level, there are six columns:

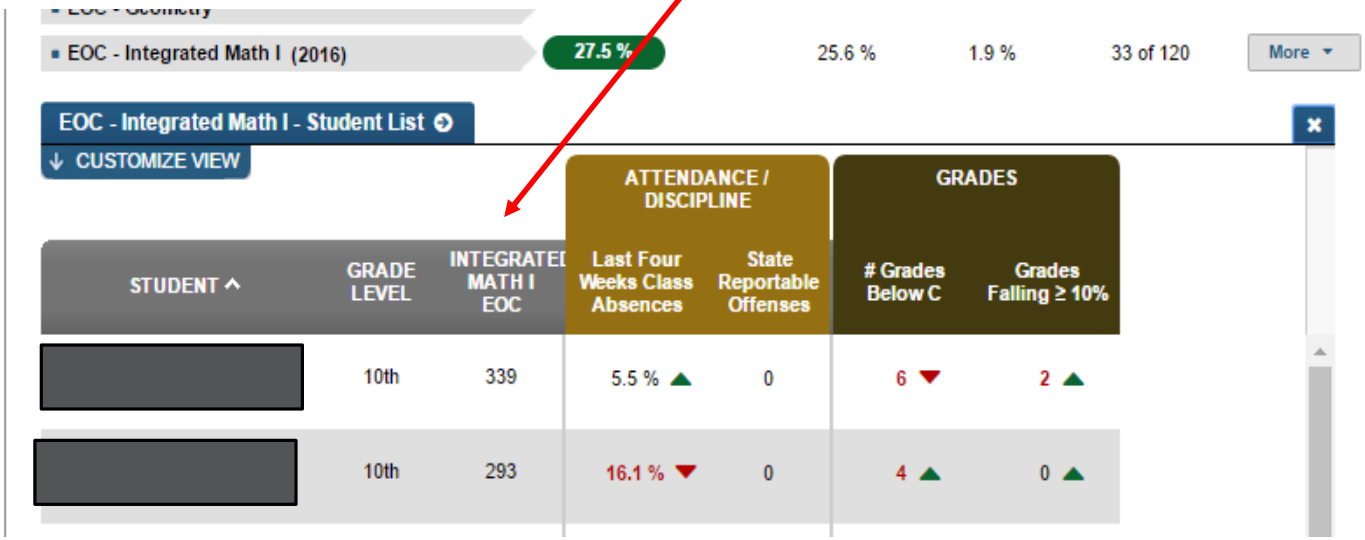
1. Metric Value
2. Trend
3. District Goal
4. Difference from Goal
5. School Attainment
6. Details



State Assessments/State Standardized Assessment Data – School Level



Student List for Integrated Math I

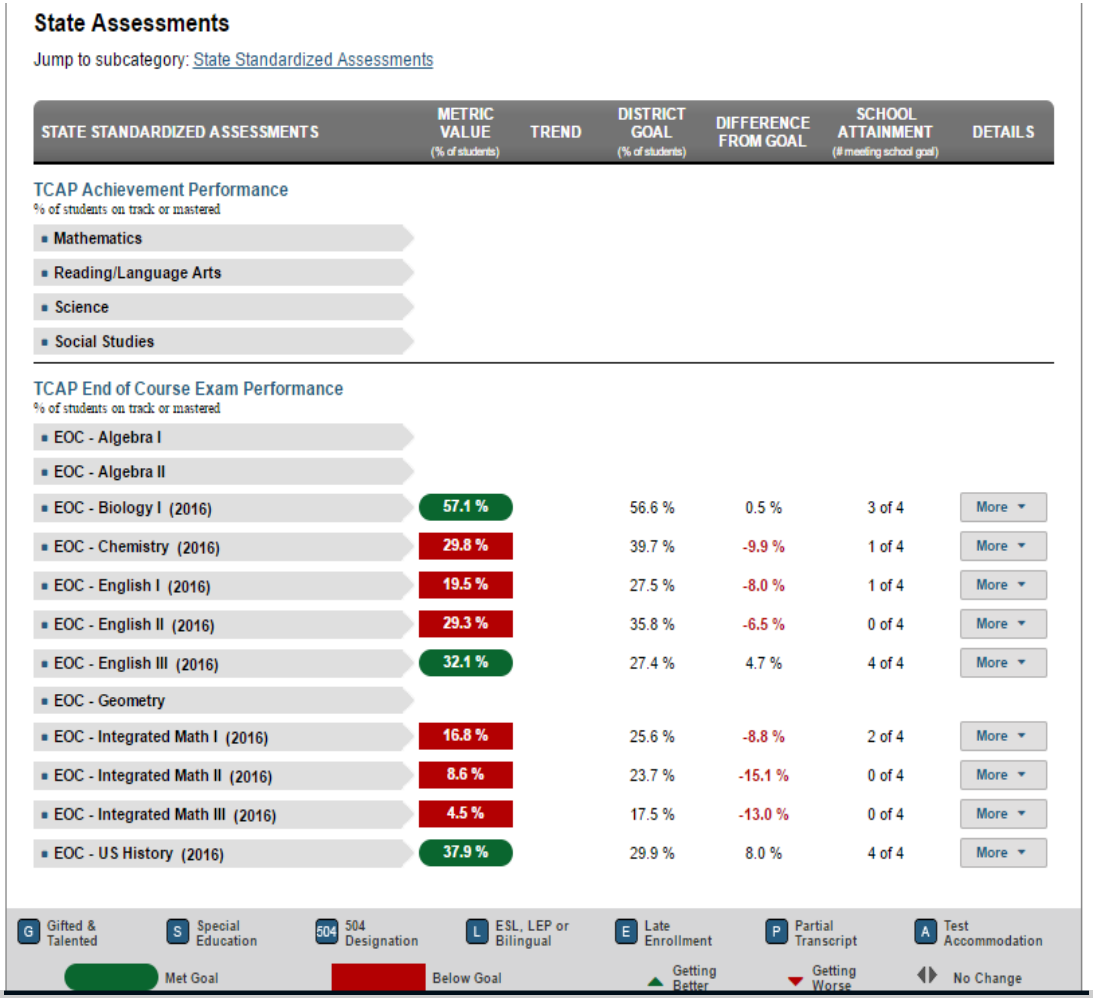


ImpactTN State Assessments/State Standardized Assessment Data (District Level)

State Assessments/State Standardized Assessment Data – District Level

At the district level, there are six columns:

1. Metric Value
2. Trend
3. District Goal
4. Difference from Goal
5. School Attainment
6. Details



State Assessments

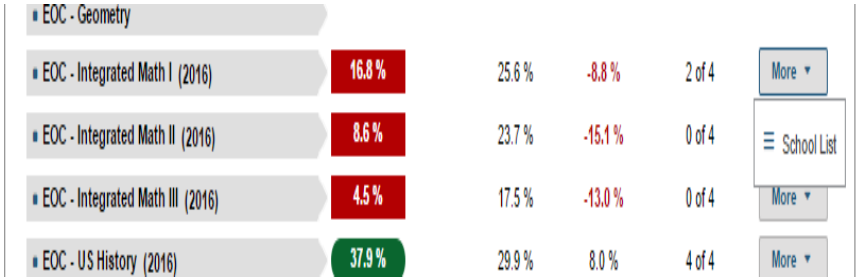
Jump to subcategory: State Standardized Assessments

STATE STANDARDIZED ASSESSMENTS	METRIC VALUE (% of students)	TREND	DISTRICT GOAL (% of students)	DIFFERENCE FROM GOAL	SCHOOL ATTAINMENT (# meeting school goal)	DETAILS
TCAP Achievement Performance (% of students on track or mastered)						
▪ Mathematics						
▪ Reading/Language Arts						
▪ Science						
▪ Social Studies						
TCAP End of Course Exam Performance (% of students on track or mastered)						
▪ EOC - Algebra I						
▪ EOC - Algebra II						
▪ EOC - Biology I (2016)	57.1 %		56.6 %	0.5 %	3 of 4	More
▪ EOC - Chemistry (2016)	29.8 %		39.7 %	-9.9 %	1 of 4	More
▪ EOC - English I (2016)	19.5 %		27.5 %	-8.0 %	1 of 4	More
▪ EOC - English II (2016)	29.3 %		35.8 %	-6.5 %	0 of 4	More
▪ EOC - English III (2016)	32.1 %		27.4 %	4.7 %	4 of 4	More
▪ EOC - Geometry						
▪ EOC - Integrated Math I (2016)	16.8 %		25.6 %	-8.8 %	2 of 4	More
▪ EOC - Integrated Math II (2016)	8.6 %		23.7 %	-15.1 %	0 of 4	More
▪ EOC - Integrated Math III (2016)	4.5 %		17.5 %	-13.0 %	0 of 4	More
▪ EOC - US History (2016)	37.9 %		29.9 %	8.0 %	4 of 4	More

G Gifted & Talented · S Special Education · 504 504 Designation · L ESL, LEP or Bilingual · E Late Enrollment · P Partial Transcript · A Test Accommodation

Met Goal · Below Goal · Getting Better · Getting Worse · No Change

State Assessments/State Standardized Assessment Data – District Level



↔ School List for Integrated Math I

SCHOOL ^	PRINCIPAL	TYPE	SCHOOL METRIC VALUE	SCHOOL GOAL
[redacted]		High School	34.0 %	25.6 %
[redacted]		High School	13.4 %	25.6 %

How Can I Use ImpactTN State Assessment Data?

How Can I Use ImpactTN State Standardized Assessment Data?

- Are there any gaps between goals and current results?
  - If yes, what gaps are evidence between goals (school, district) and current results?
  - Who is affected by these gaps?
  - What could be contributing to these gaps?
  - What are potential causes for these gaps?
  - What patterns do you see?
  - What are the implications for next steps and actions?

Reflection/Questions

- The purpose of this session was to provide you with an overview of how you can use and analyze ImpactTN data at the teacher level, school level, and district level.

Remember Next Session

- ImpactTN: Goal Planning and Monitoring Using ImpactTN
  - The purpose of this session is to assist educators in learning how to use ImpactTN in planning, setting, and monitoring performance goals at the district, school, teacher, and/or students levels.

Presenter Name
Title
Team/Office/Division
Email Address
Phone Number